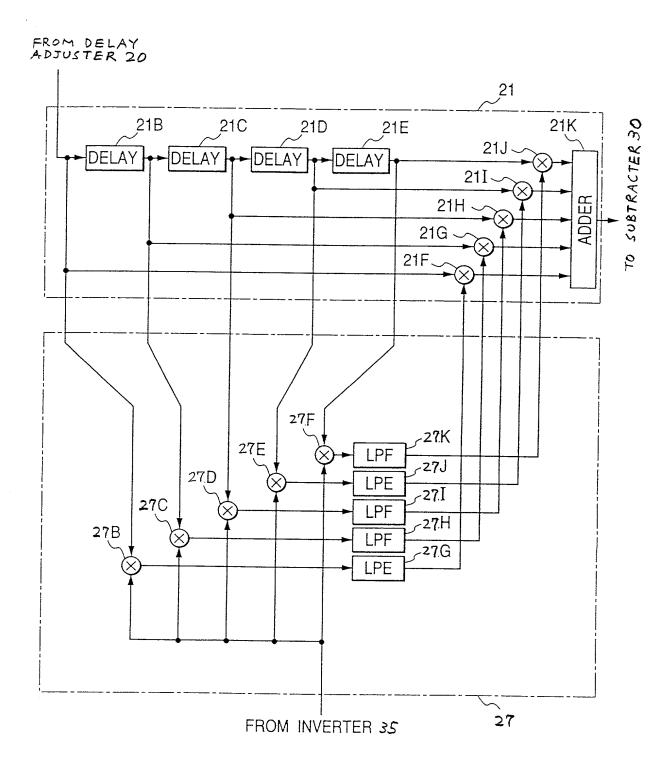
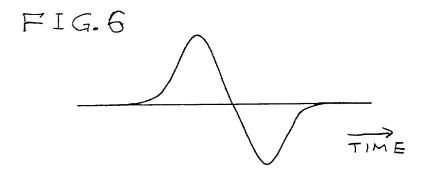
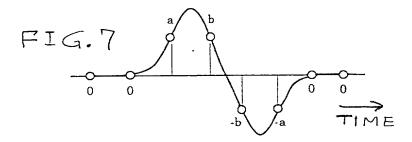


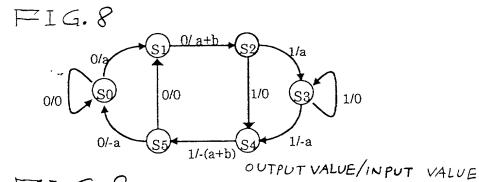
FIG.5

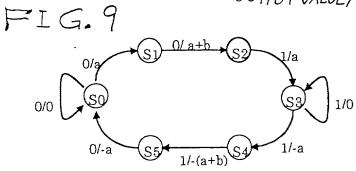


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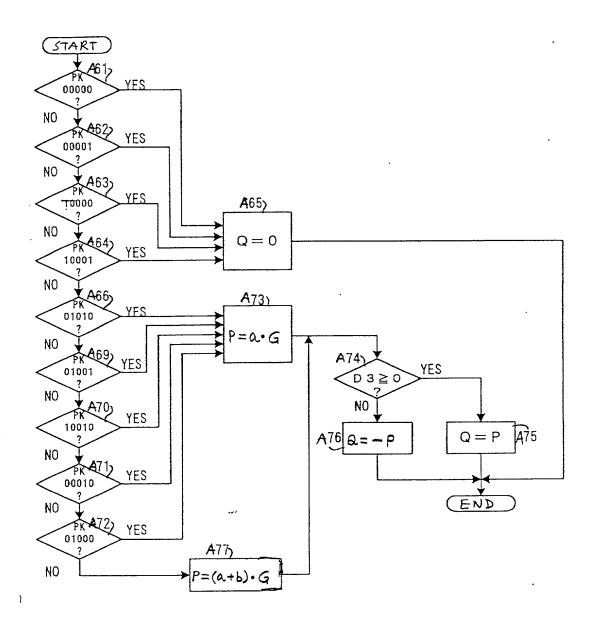


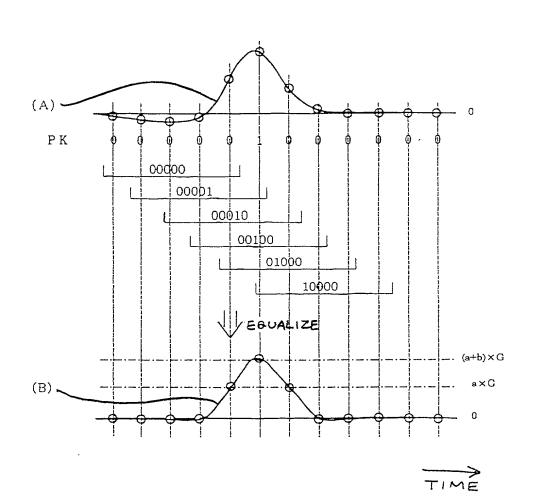


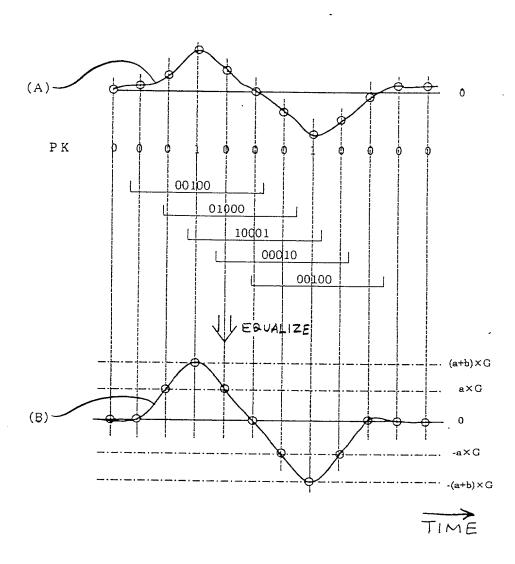


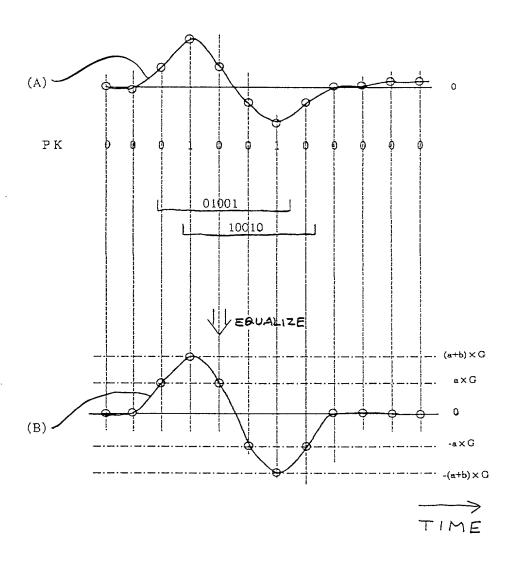
OUTPUT VALUE/INPUT VALUE

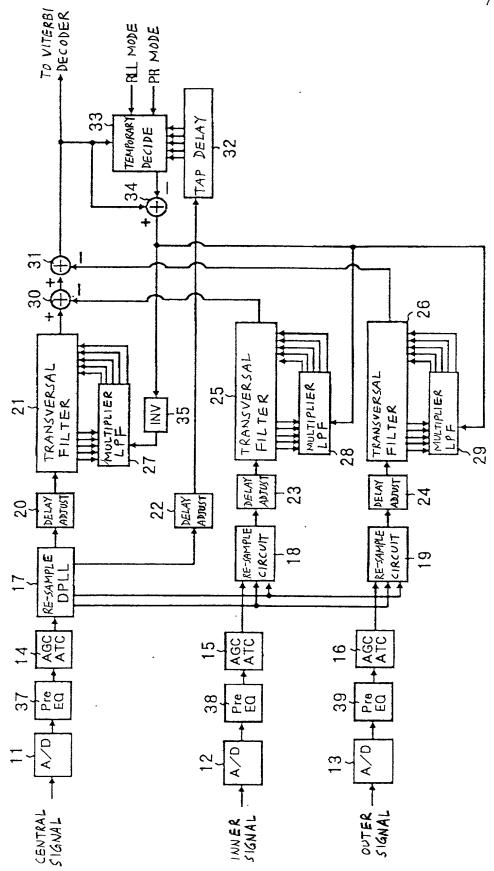
RLL	MODE	RLL(2,X)									
	R. MODE	1	2	3	4	5	6				
<u></u>		PR(1, -1)	PR(1,1,-1,-1)	PR(1,2,-2,-1)	PR(1,3,-3,-1)	PR(2,3,-3,-2)	PR(3,4,-4,-3)				
	a+b	+1 +2		+3	+4	+5	+7				
-	а	+1	+1	+1	+1	+2	+3				
(2) mm	0	0	0	0	0	0	0				
TARG	-а	-1	-1	1	-1	-2	-3				
	-(a+b)	-1	-2	-3	-4	-5	-7				
GAI	N G	Α	A/2	A/3	A/4	A/5	A/7				





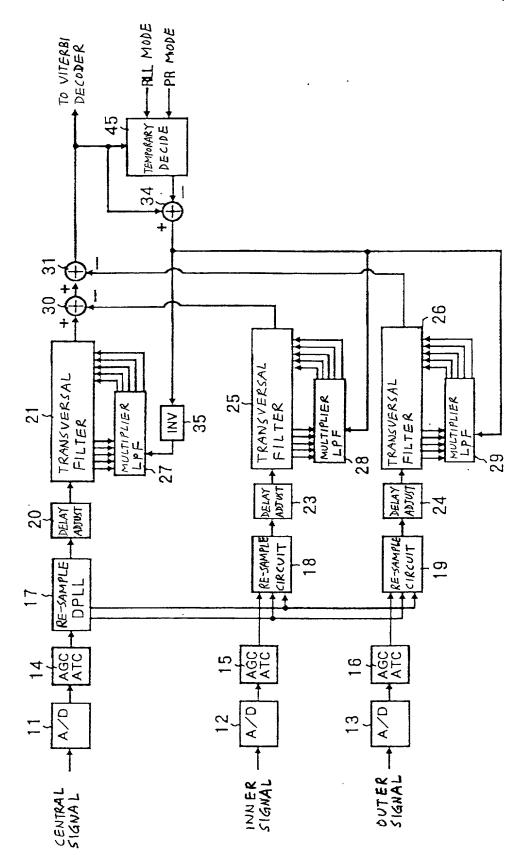


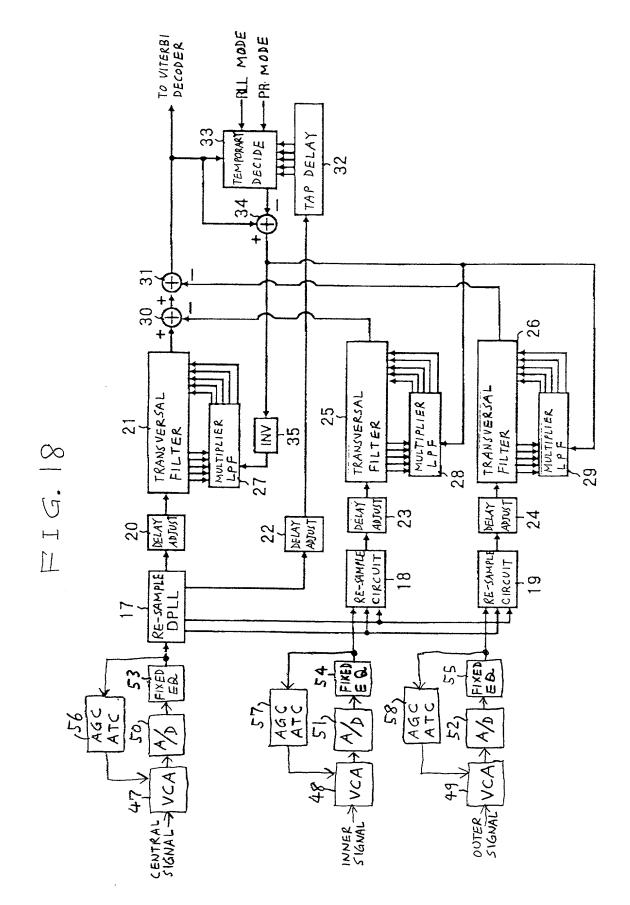




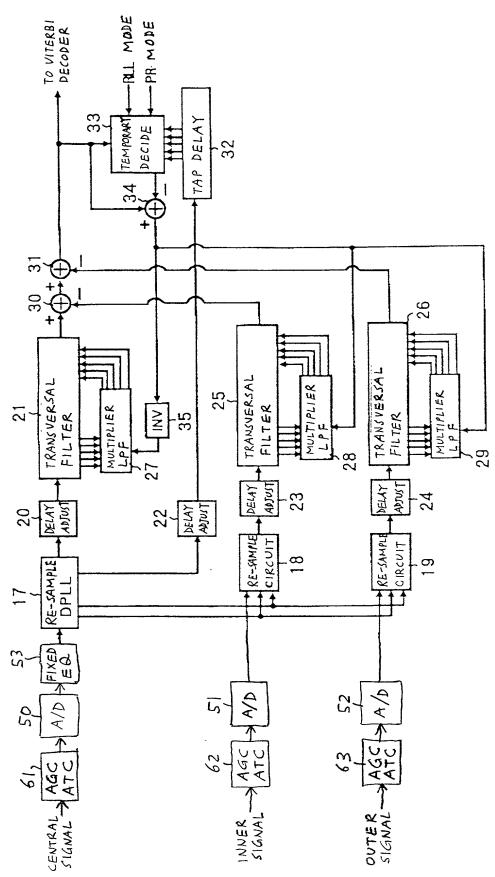
TO VITERBI DECODER -RL MODE -PR. MODE 33 TAP DELAY TEMPORARY DECIDE * * * * * 32 34 26 TRANSVERSAL FILTER TRANSVERSAL FILTER TRANSVERSAL MULTIPLIER LPF 2,5 MULTIPLIER LPF MULTIPLIER LPF FILTER <u>≥</u> 35 29 28 ADJUST Abrust 24 DELAY DELAY. 23 22 DELAY 20 RELAY ABJUST RE-SAMME RE-SAMPLE CIRCUIT CIRCUIT RE-SAMPLE DPLL 9 AĠC ATC AGC INNER Pre

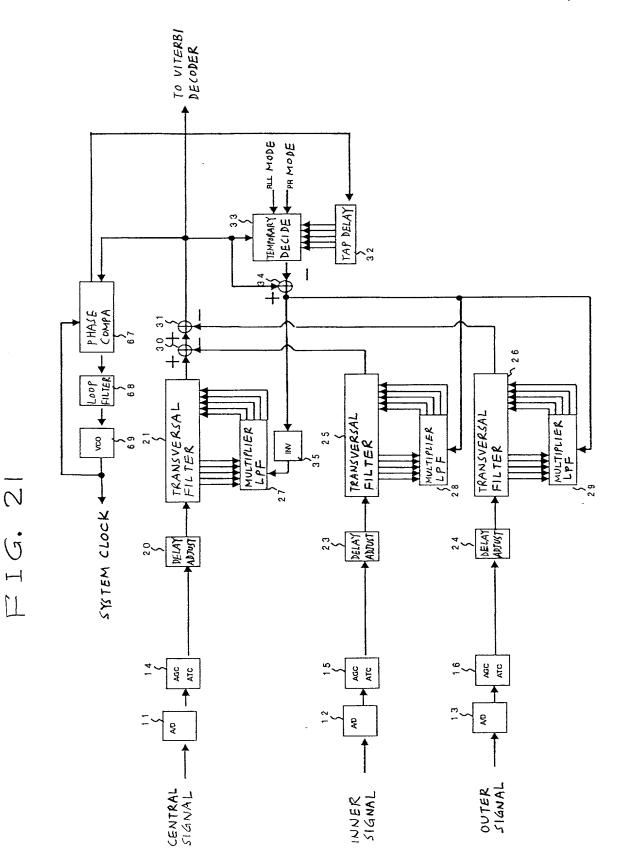
TIG. 16

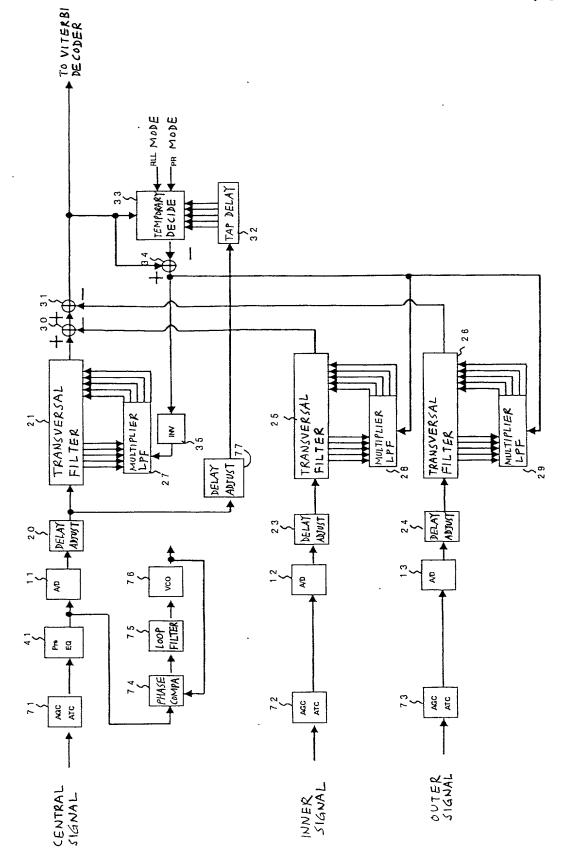


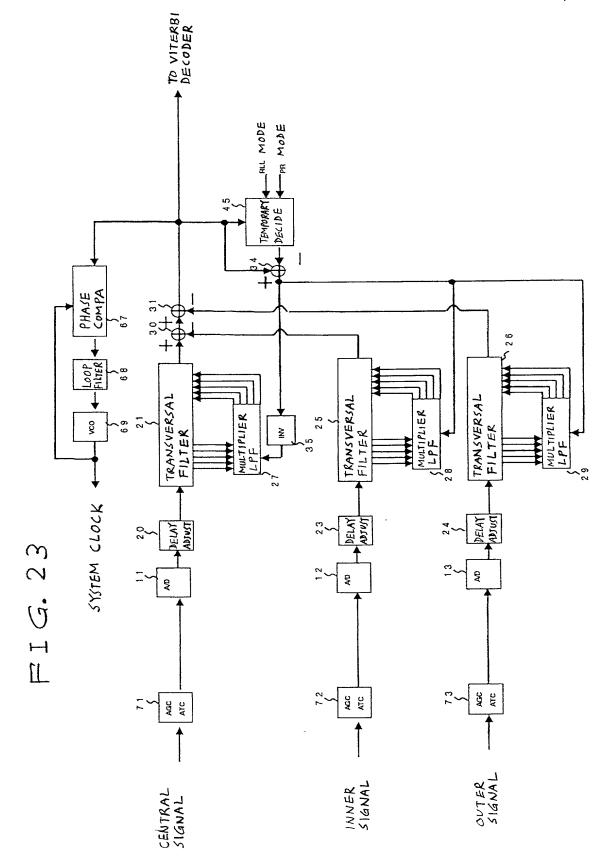


11.6. -9

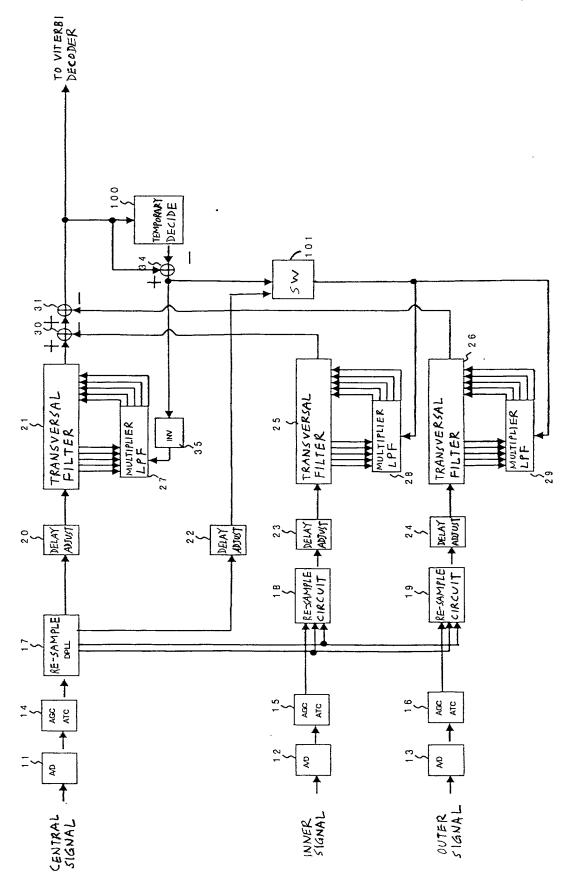


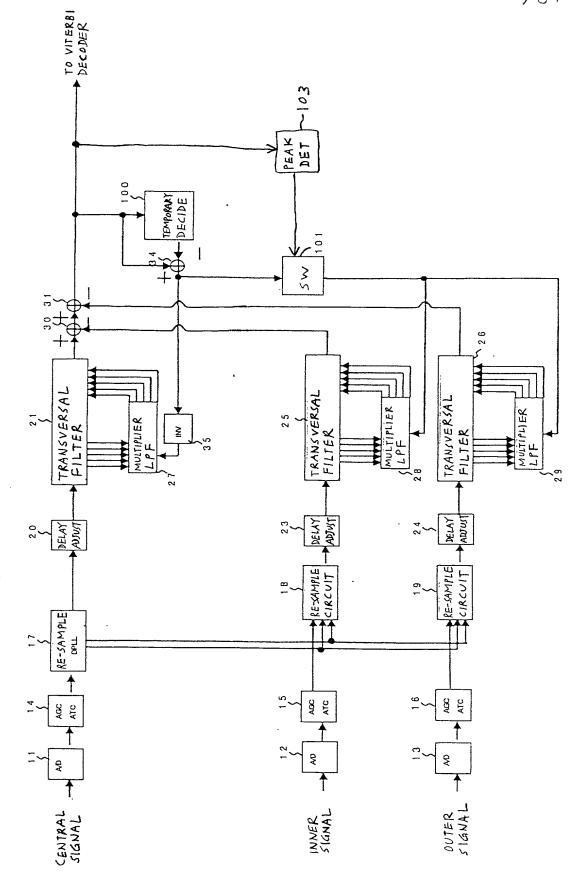




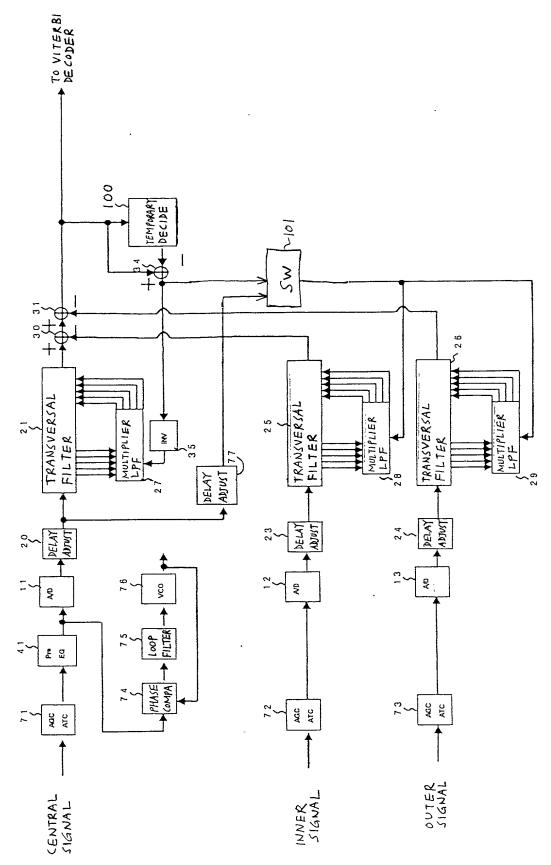


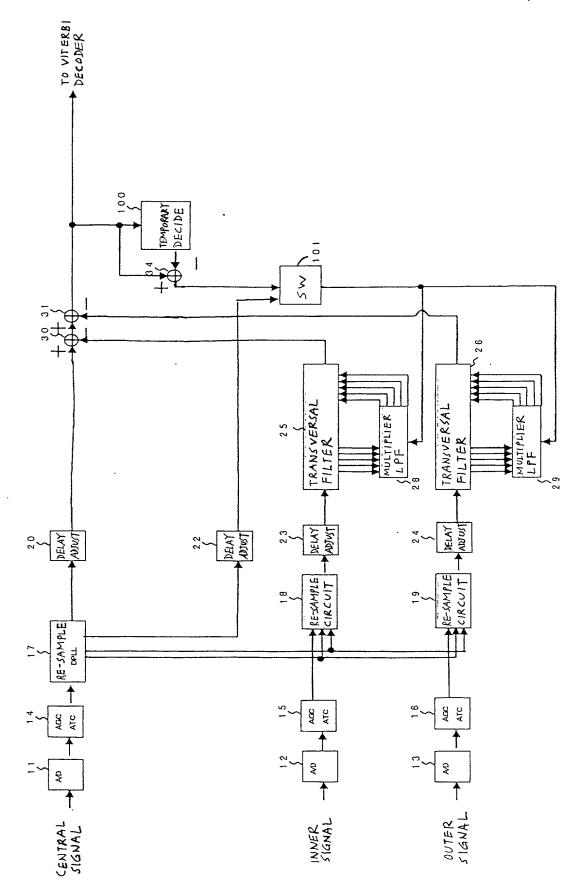
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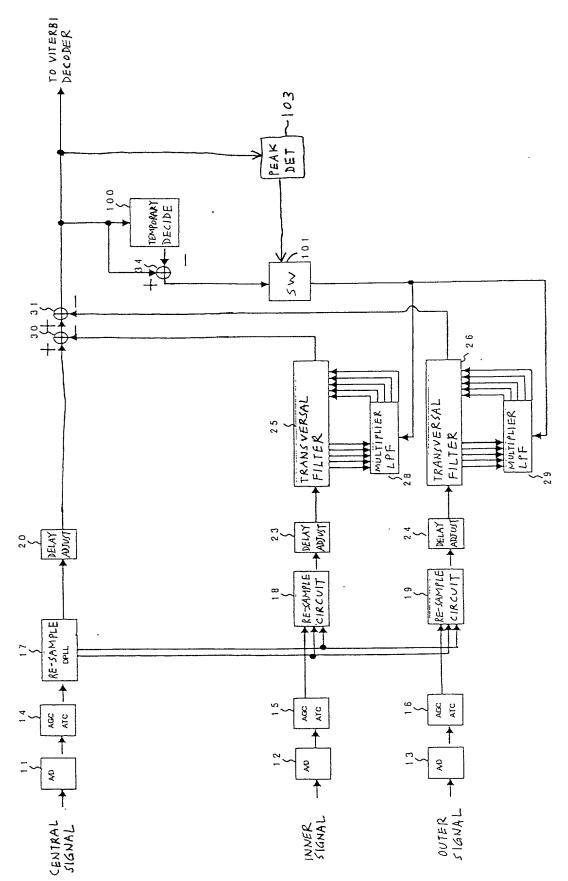


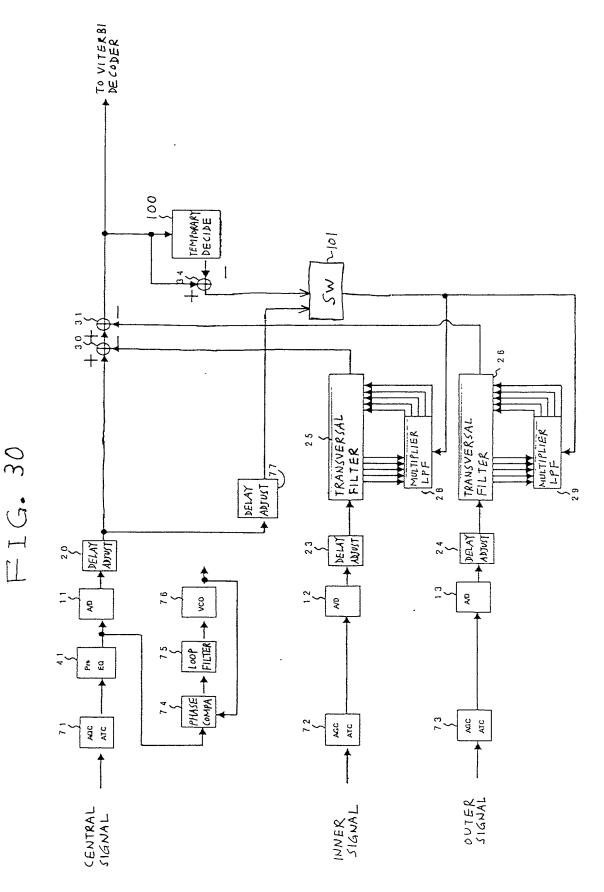
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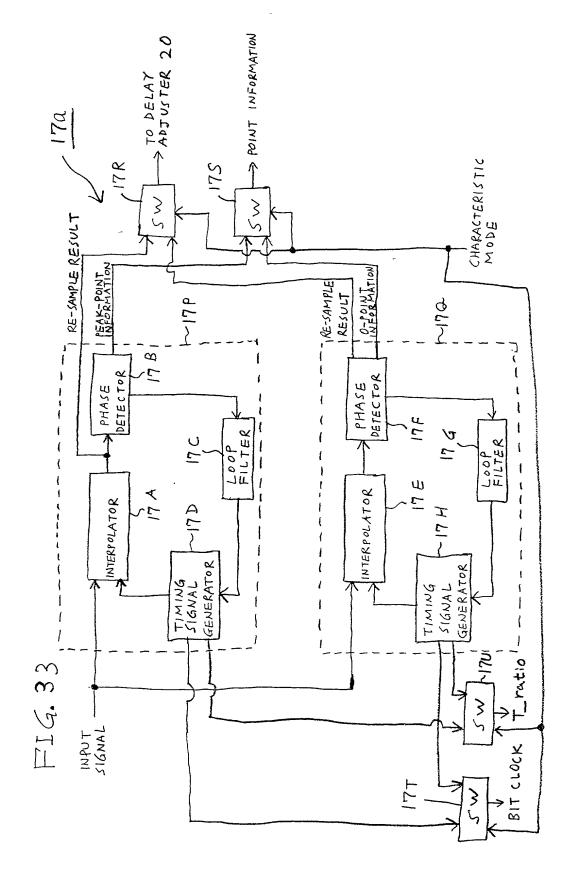




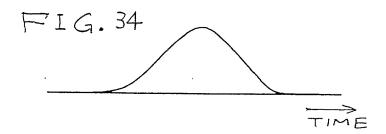
The first fi

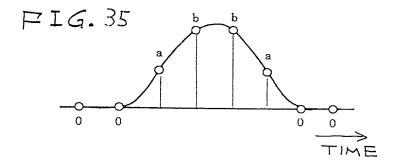
TO VITERBI DECODER -RIL MODE -PR. MODE 330° TEM PORARY TAP DELAY DECIDE *** 32 34 بى آ 26 TRANSVERSAL TRANSVERSAL FILTER TRANSVERSAL MULTIPLIER LPF MULTIPLIER LPF 2,5 MULTIPLIER LPF FILTER ≥ 35 FILTER 28 29 FIG. 32 DELAY 40JUST とては ADJUST 22 DELAY DELAY 20 RE-SAMME CIRCUIT * RE-SAMPLE CIRCUIT RE-SAMPLE DPLL 9 178 178 AGC ATC AGC CHARACTERISTIC MODE CENTRAL SIGNAL INNER SIGNAL OUTER SIGNAL

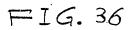
(

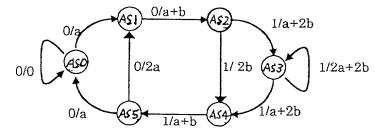


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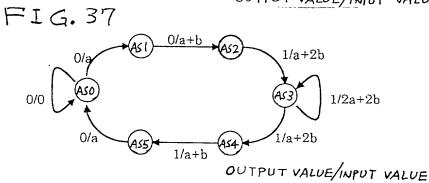








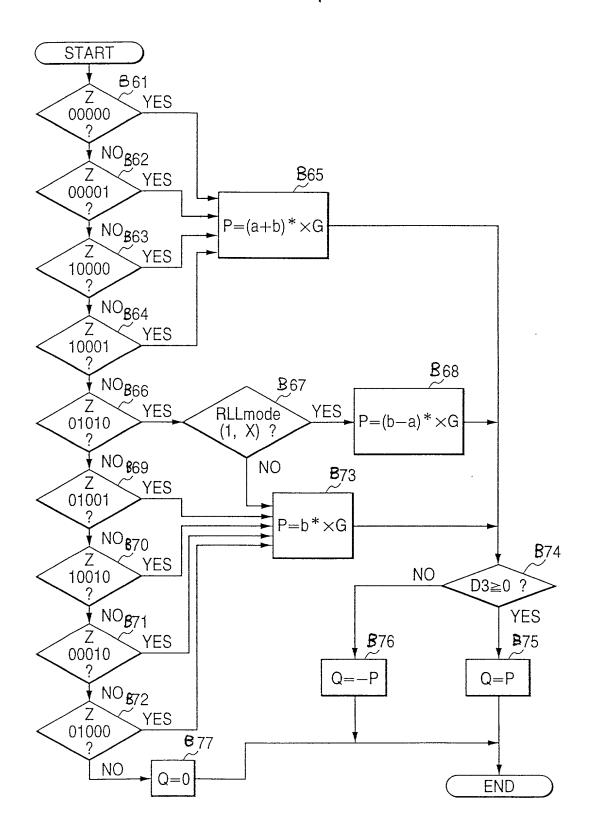
OUTPUT VALUE/INPUT VALUE



下16.38

	5 6	PR(2, 3, 3, 2) PR(3, 4, 4, 3)	10-++5 14-+7	8 + + 3 11 - + 4	0 + + + 9	5 0 7	l L	3	0 5 0 7	A/5 A/7	10-++5 14-++7		0	3	
	4	PR(1, 3, 3, 1)	8 -+ 4	7-+3	+2	' _	N	13	0-+-4	A/4	8-++4	7++3	4+ 0	1 - 1 - 3	1
	3	PR(1, 2, 2, 1)	€+4-9	1 2	4-+-+		21	12	0-+-3	A/3		נצו ו	3-+0	12	! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
	. 2	PR(1, 1, 1, 1)		1	1 1		1 f			A/2	4-+2		2 → 0		
	–	PR(1, 1)				`		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		·A		2-+1	j	01	1 1 1 1 1 1 1 1
	·		2a + 2b	a + 2b	2b	a + b	2a		0	GAIN G		a + 2b	I	י י י	; ; ; ;
ביין מיין	RLL MODE		RLL (1, X) { MMV F MD 2								Σ. I.	$RLL(2,X) < E \vdash MF$			

FIG. 39



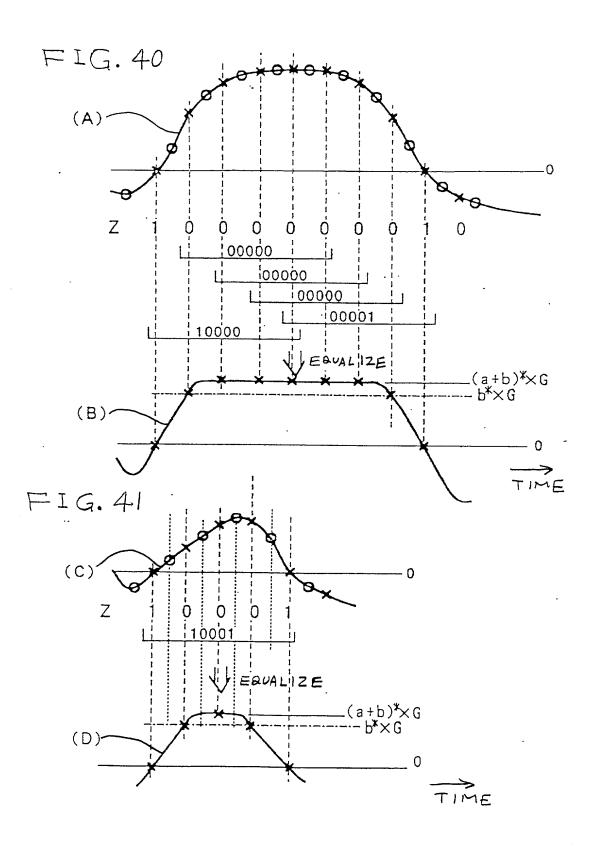
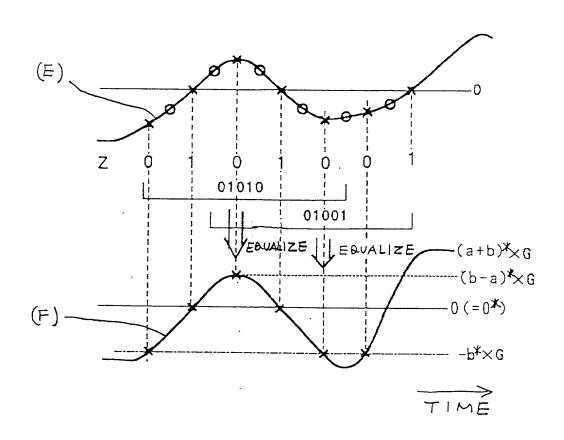
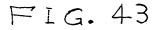
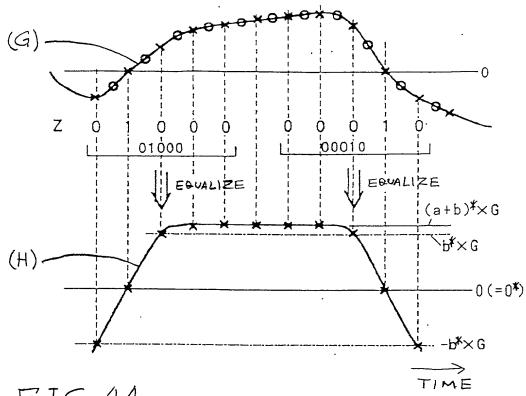
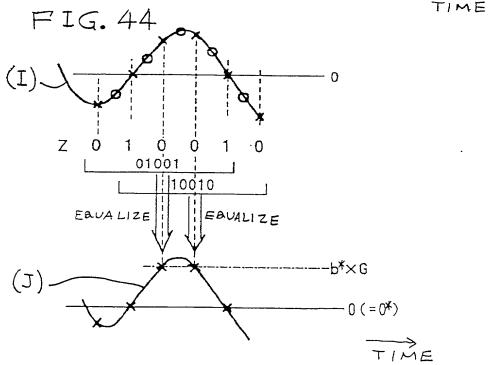


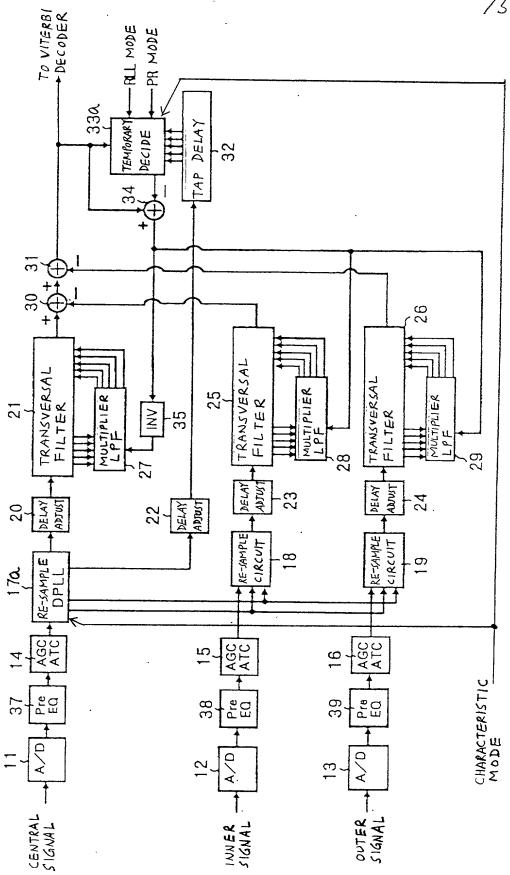
FIG. 42

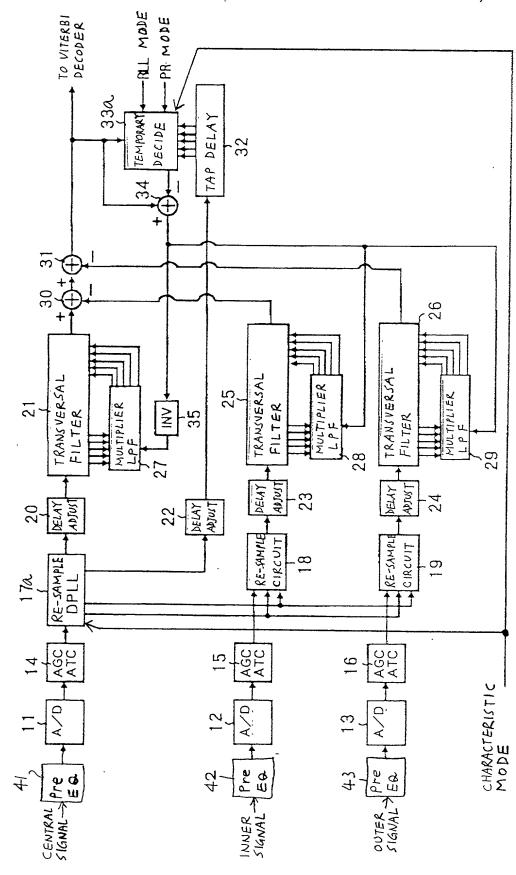












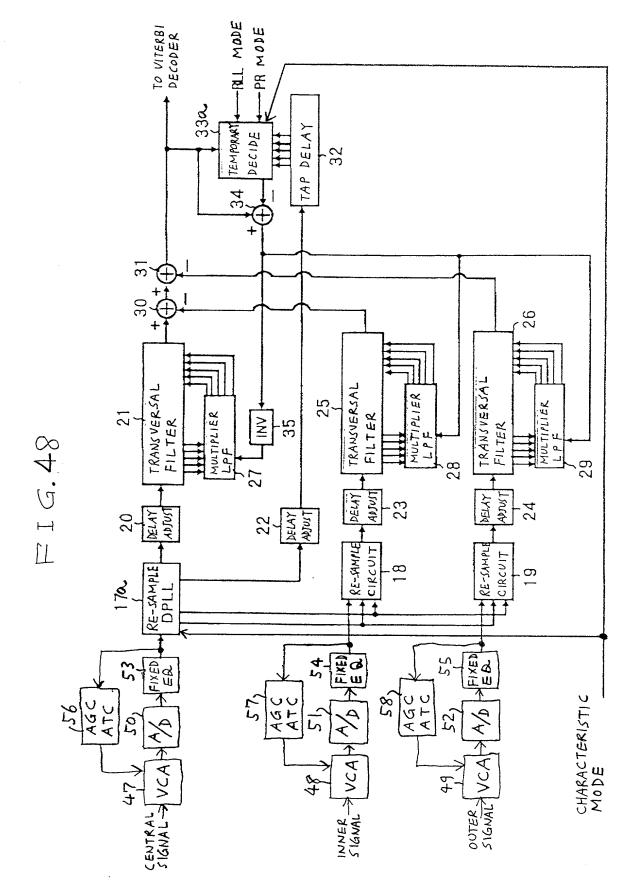
MULTIPLIER LPF

19

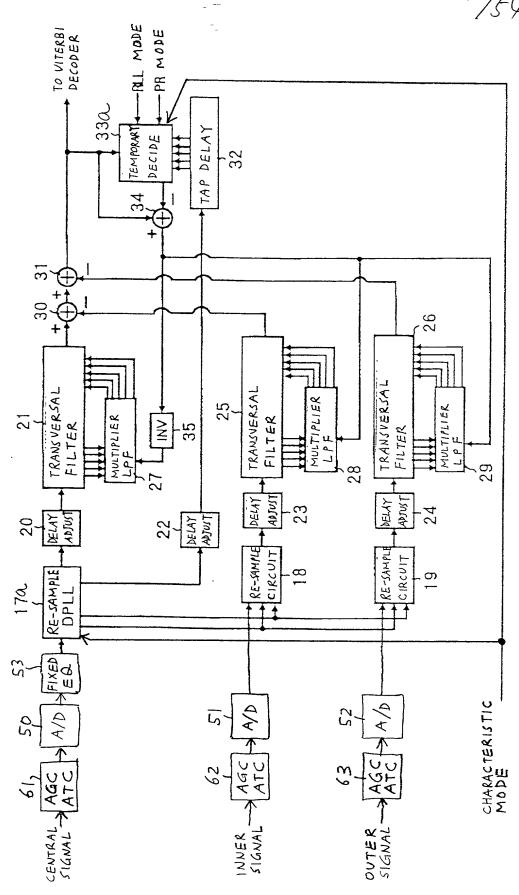
29

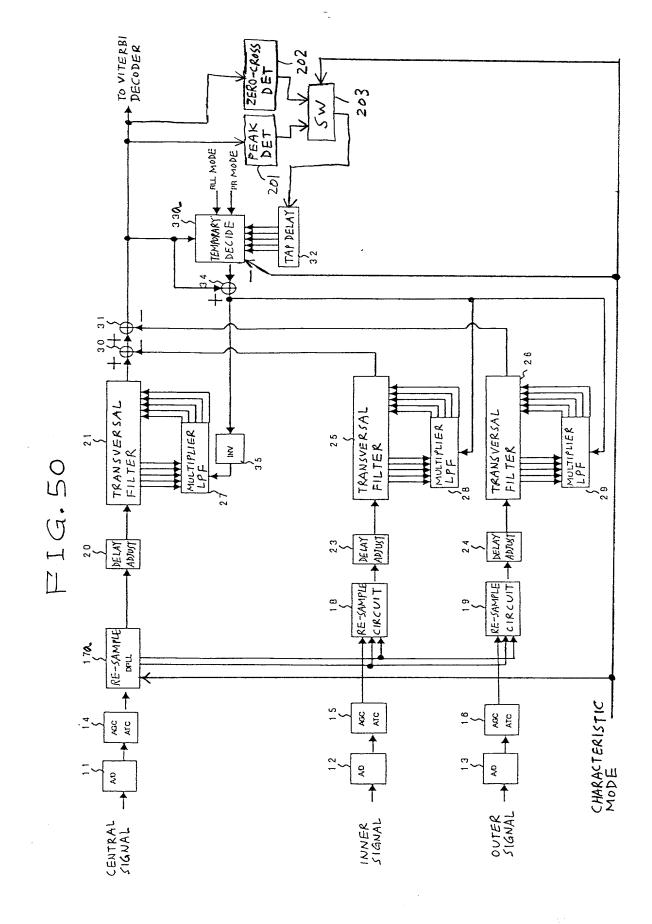
CHARACTERISTIC MODE

-RI MODE -PR MODE TO VITERBI DECODER 45a TEMPORARY DECIDE 34 where setts areas street over the set when a sette about the set in its annual in the set in the se TRANSVERSAL TRANSVERSAL FILTER TRANSVERSAL 25 MULTIPLIER LPF MULTIPLIER LPF FILTER 21 <u>≥</u> FILTER 35 FIG. 47 DELAY 20 DELAY RE-SAMPLE CIRCUIT RE-SAMPLE CIRCUIT RE-SAMPLE DPLL 년, AGC AGC ATC SIGNAL INN ER SIGNAL CENTRAL SIGNAL

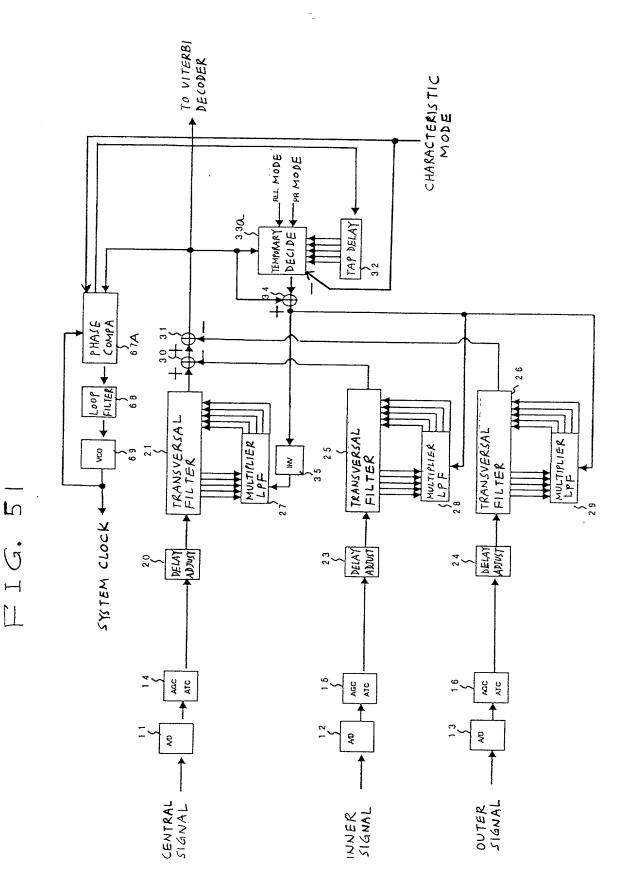


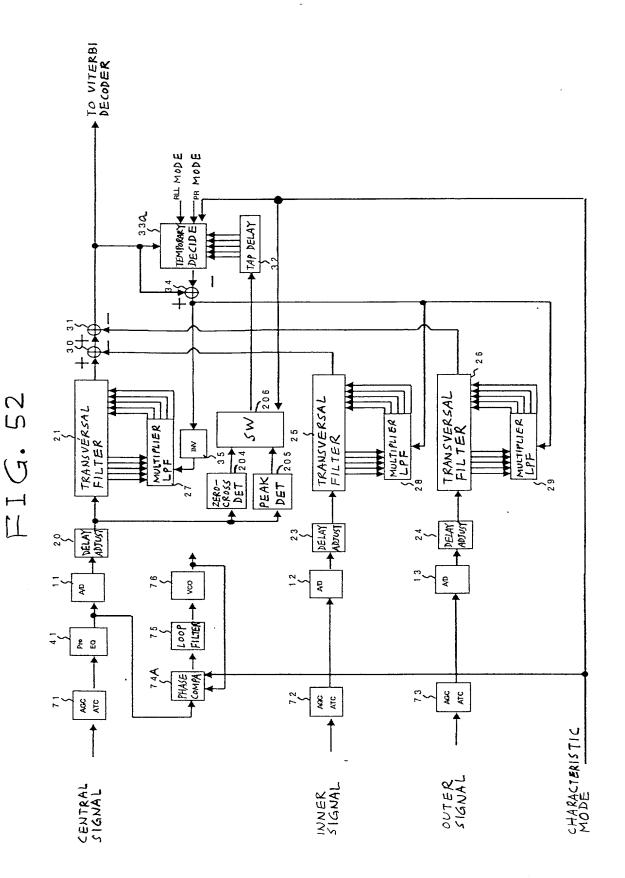
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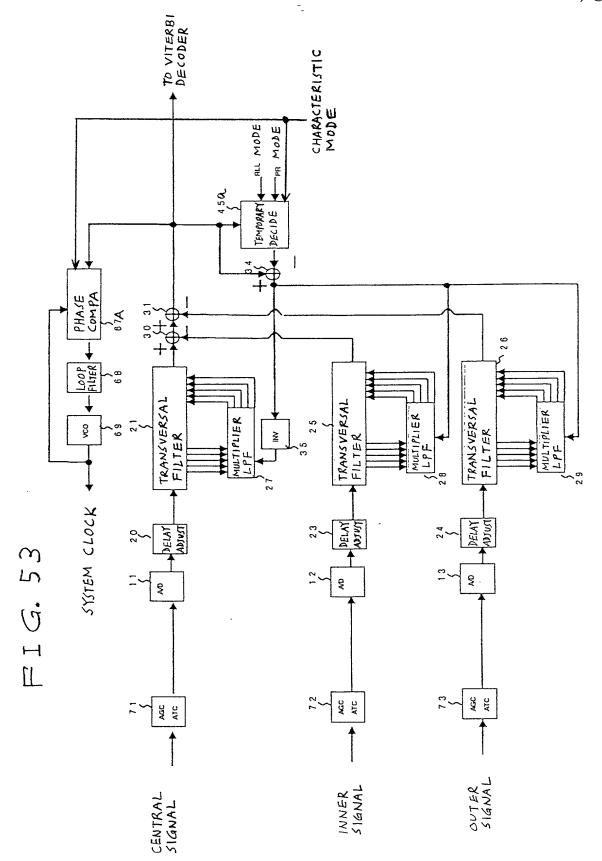




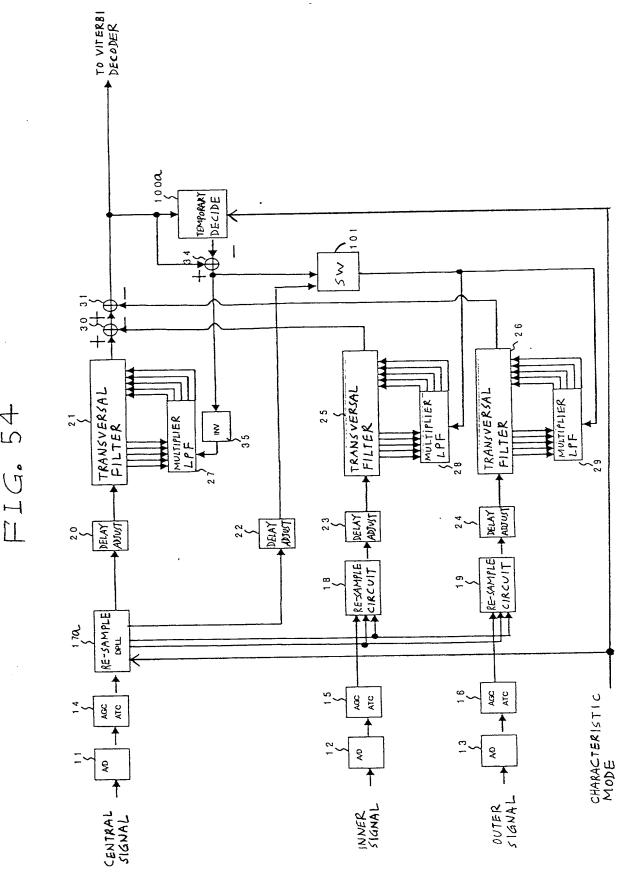
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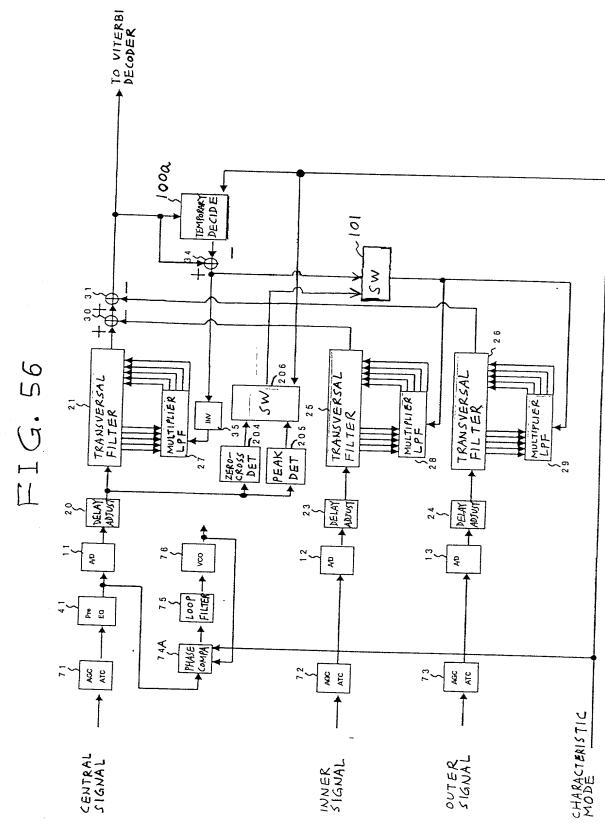


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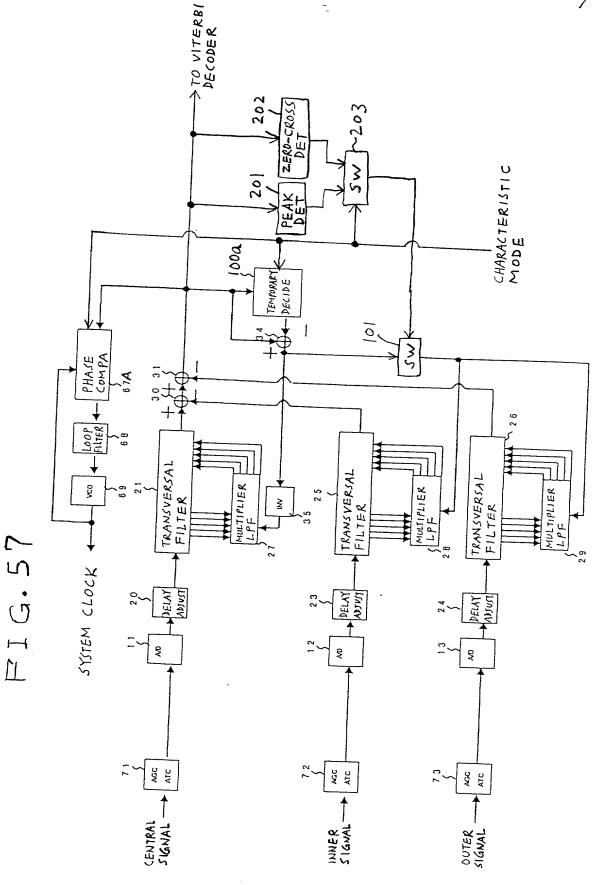


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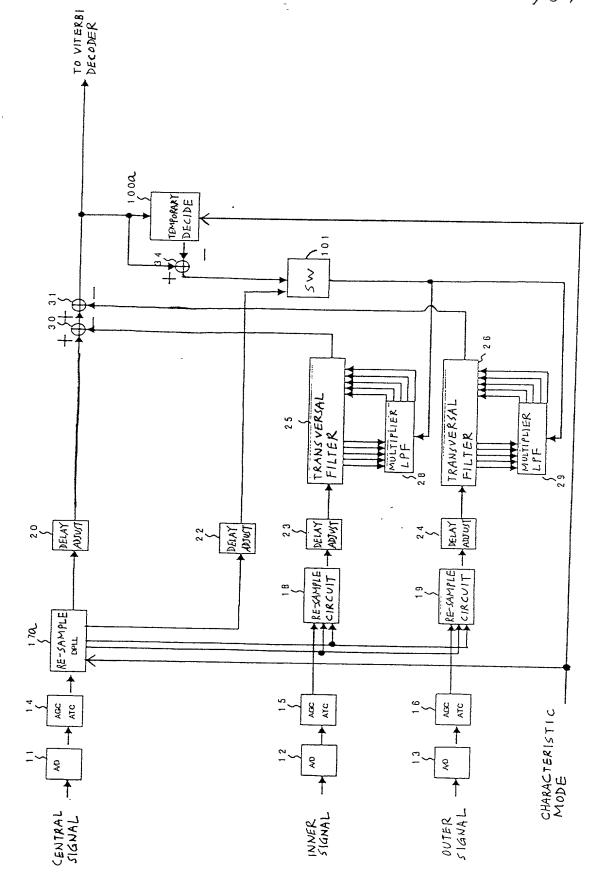
→TO VITERBI DECODER ZERO-CROSS DET 202 201 PEAK DET 1000 TEMPORARY DECIDE × 8 TRANSVERSAL FILTER TRANSVERSAL FILTER TRANSVERSAL FILTER 5 MULTIPLIER (LPF MULTIPLIER LPF MULTIPLIER LPF ₹ TIG. MELAY ADJUST DELAY DELAY RESAMPLE *RE-SAMPLE CIRCUIT RE-SAMPLE DOLL AGC ATC CHARACTERISTIC MODE CENTRAL OUTER SIGNAL



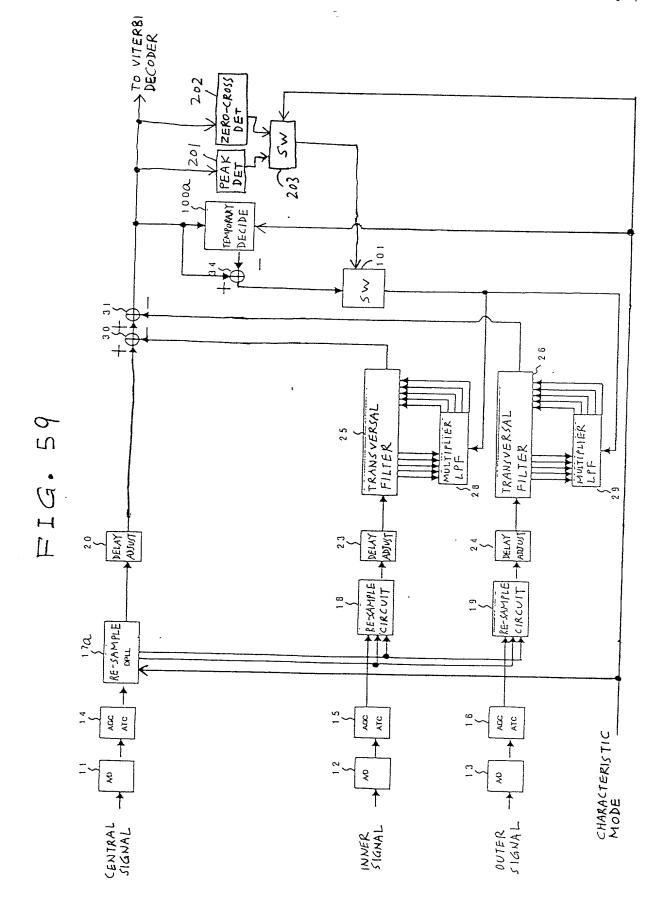
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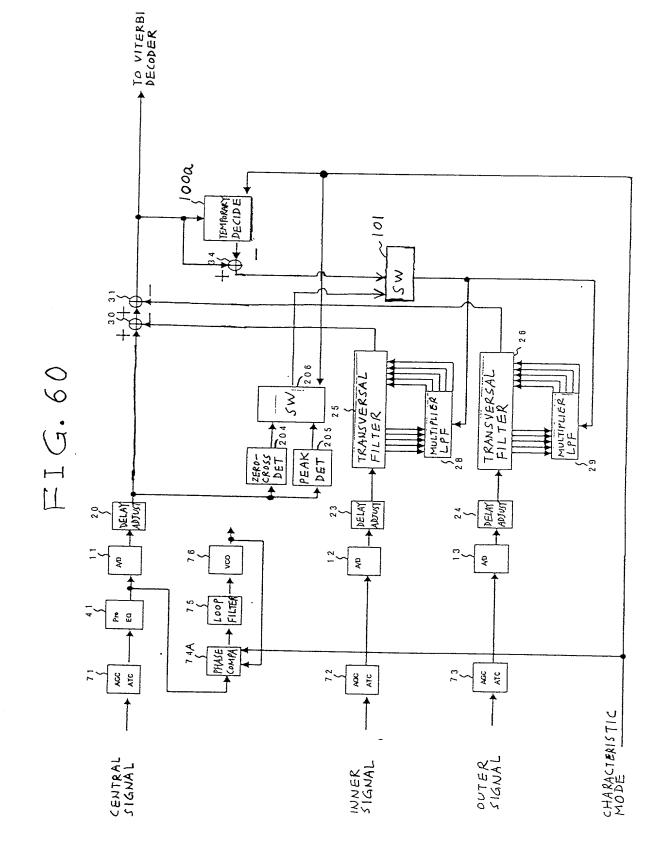
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FIG.62

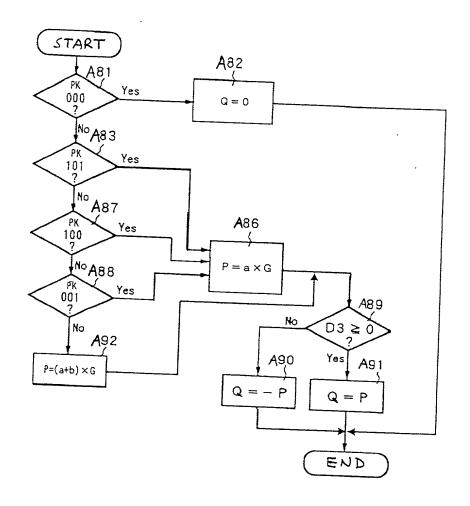


FIG. 63

